

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-027154**Date Inspected:** 07-Feb-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Jobsite**CWI Name:** As noted below**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** SAS OBG**Summary of Items Observed:**

Quality Assurance Inspector (QA) Douglas Frey was at the American Bridge/Fluor (ABF) job site at Yerba Buena Island in California between the times noted above in order to monitor Quality Control functions and the in process work being performed by ABF personnel. The following items were observed:

12E/13E-A2 (Exterior)

This QA Inspector randomly observed ABF welding personnel Wen Han Yu utilize the Plasma Arc Cutting (PAC) method to remove the backing bar from face "B" of "A2" at 12E/13E on the interior of the OBG. The welder employed the use of scaffolding to access the joint utilizing a "Bug-O" motorized rail system with a magnetic base attached in the (4G) overhead position to operate the PAC system. This QA Inspector noted the use of respiratory masks and proper safety procedures were followed. This QA Inspector made subsequent observations and noted that the work was in progress and appeared to be in general conformance with the contract documents.

13E/14-A3 (Interior)

This QA Inspector made random observations of ABF welding personnel conducting post weld clean-up operations to include grinding and blending excessive weld reinforcement and equipment maintenance. Due to inclement weather conditions, no welding was performed on this date.

Note: The QAI reviewed the observations and inspection with QA Lead Inspector, Daniel Reyes, written in this

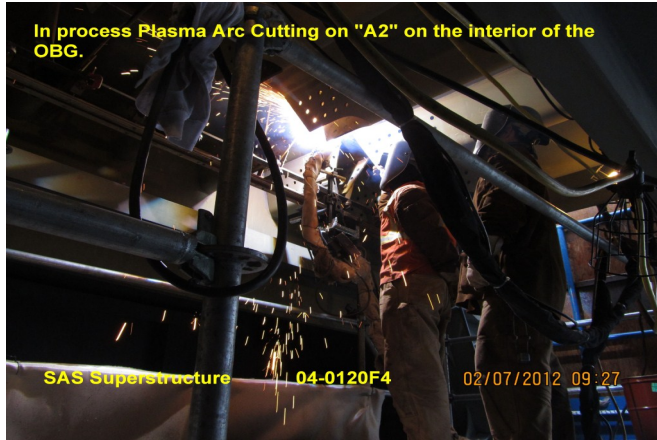
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report. No issues were noted by the QAI and the QA Lead Inspector concurs with the QA report.

Summary of Conversations:

The were no pertinent conversations to report.



Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy 510-385-5910 , who represents the Office of Structural Materials for your project.

Inspected By:	Frey,Doug	Quality Assurance Inspector
Reviewed By:	Levell,Bill	QA Reviewer
